

LR:JCD  
70-58

SEP 24 1962

Martin-Marietta Corporation  
Baltimore 3, Maryland

Attention: Mr. W. Wachtl  
Contracts Manager

Gentlemen:

Pursuant to 10 CFR 71, you are hereby authorized under License  
SNM-53 to ship at any one time one FM-3A central core bundle  
in accordance with the procedures and conditions described in your  
request of August 29, 1962.

The granting of this authorization does not imply a determination  
by AEC that the package you propose to ship will withstand a  
thirty foot fall on a flat unyielding surface with no more than  
a 10% reduction in the minimum spacing measured from the outside  
of the inner container to the outside of the outer container.  
We find no basis in your request for the assumption that the im-  
pact forces from a thirty foot drop would not be greater than  
(b)(4) s. We believe this and other assumptions made in your analysis <sup>Ex 4</sup>  
should be substantiated, preferably by tests, in the event you would  
want approval in the future for shipments involving greater quantities  
of U-235, more than a single container, or by other than exclusive  
use vehicle.

FOR THE ATOMIC ENERGY COMMISSION

Donald A. Nussbaumer, Chief  
Source and Special Nuclear Materials Branch  
Division of Licensing and Regulation

Distribution:

Compliance (11/14) (Hdqs) (2) w/cy ltr & appl dtd 8/29/62

H/ J. McAlduff, OROO

D. George, NMM

Formal

H. Steele, LR

Doc. Rm.

D. A. Nussbaumer, LR

Suppl.

State Health

Br & Div Rfs

B/10

OFFICE ▶	LR <i>J. Delaney</i>	LR <i>DN</i>	LR <i>CDL</i>			
SURNAME ▶	J. Delaney	D. A. Nussbaumer	C. D. Luke			
DATE ▶	9/21/62	9/21/62	9/24/62			